

ABSTRACT OF THE DISCLOSURE

A method of preventing seismic liquefaction of the ground in an urban area built on reclaimed land consisting of a loose fine grained layer vulnerable to liquefaction underlain with a soft cohesive layer liable to uneven settlement comprising pumping out pore water from the loose fine grained layer to lower the groundwater table to the bottom level of that layer, then injecting into the loose fine grained layer tap water saturated with air and containing micro particles of fly ash or another mineral serving as vehicles of the air into the loose fine grained layer so as to form countless tiny air bubbles and thereby reduce the degree of saturation of that layer to a level preventing seismic liquefaction.